

Sherwin-Williams Site Cleanup

Emeryville, California

Aug 25, 2011

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of August 8 and going through August 12, 2011. Following is a brief overview of site activities occurring during this period and a discussion of air monitoring results compared to site action levels. Charts and figures are attached which show running averages for Respirable Particulate Matter of 10 micrometers or less (RPM₁₀) running averages; Total Volatile Organic Compounds (TVOC) running averages; and wind speed and direction.

Site Activities

Site activities include:

- Dust and vapor controls (water, odex misters, T-200, Hydroseal and street sweeping);
- Misters were lowered in elevation, as the excavation continues in depth;
- Installation of shoring wall tie-backs was performed;
- Importing and stockpiling of 101 truck loads totaling 1,300 CY of clean backfill material;
- Operation of street sweeper onsite and on adjacent roads during trucking operations;
- Construction of entrance ramp and buttresses adjacent to historic building using the clean backfill material;
- Excavation and stockpiling of soil and debris (asphalt, concrete) in the fourth and fifth excavation layers (saturated zone material beneath the raised cap);
- Concrete demolition of concrete materials;
- Stockpiling and loading of non-hazardous material into trucks for transport to local landfills;
- Eighty two (82) truck loads of non-hazardous material was transported to Vasco Landfill.
- Nine trucks of screened asphalt was transported off site by trucks.
- Stockpiling of RCRA, regulated waste for transport to USE in Grandview Idaho;
- Stockpiling of California regulated waste for transport to ECDC landfill in East Carbon, Utah;
- Mixing of Zorbix, a dewatering agent into, stockpiles with saturated zone materials for stabilization and runoff water control;
- Mixing of Perlite, a dewatering agent, into stockpiles with saturated zone materials for stabilization and runoff water control was tested as alternative to Zorbix;
- Operation of the excavation dewatering system;
- Cultural resources monitoring was determined to be no longer necessary as the excavation had reached the Temescal Formation;
- Sampling of stockpiled material occurred during the week;
- An arborist from Ponderosa Tree Service was consulted regarding the health of the trees on Horton Avenue. The trees show good health at the stems and stocks. The tree leaves



are expected to fully rebound during next spring.

Air Monitoring and Sampling

- Daily calculation of misting delta during morning and afternoon, setting of daily action levels based on background conditions and material being excavated;
- Daily calibration of seven AMS locations;
- Daily perimeter air monitoring at seven AMS locations for RPM10 and TVOCs;
- Communication errors with the remote AMS stations and the central server resulted in a minor data loss for the AMS system on August 9. The majority of the data was recovered. Small data gaps were adjusted with real time observations and highest readings for periods before and after. Changes to the protocol were implemented to ensure that all data is verified on the server before PID logs are cleared during instrument calibration.

Perimeter air monitoring occurred continuously through the week.

No exceedances of air quality standards occurred during the week. Aerosol particles less than 10 micrometers from the perimeter mister lines are being measured in the dust monitors at the site perimeter. To account for the influence of the misters on the RPM10 levels, a delta value was added to the action level of Air Monitoring Station (AMS) #3 and the station directly downwind to AMS#3. This approach has been validated by air sample collection and analysis. Subsequent 4 hour rolling averages for RPM10 have been below the action levels at all AMSs. Running averages for TVOC and RPM10 since the start of the project continue to be below their respective action levels at all AMSs.

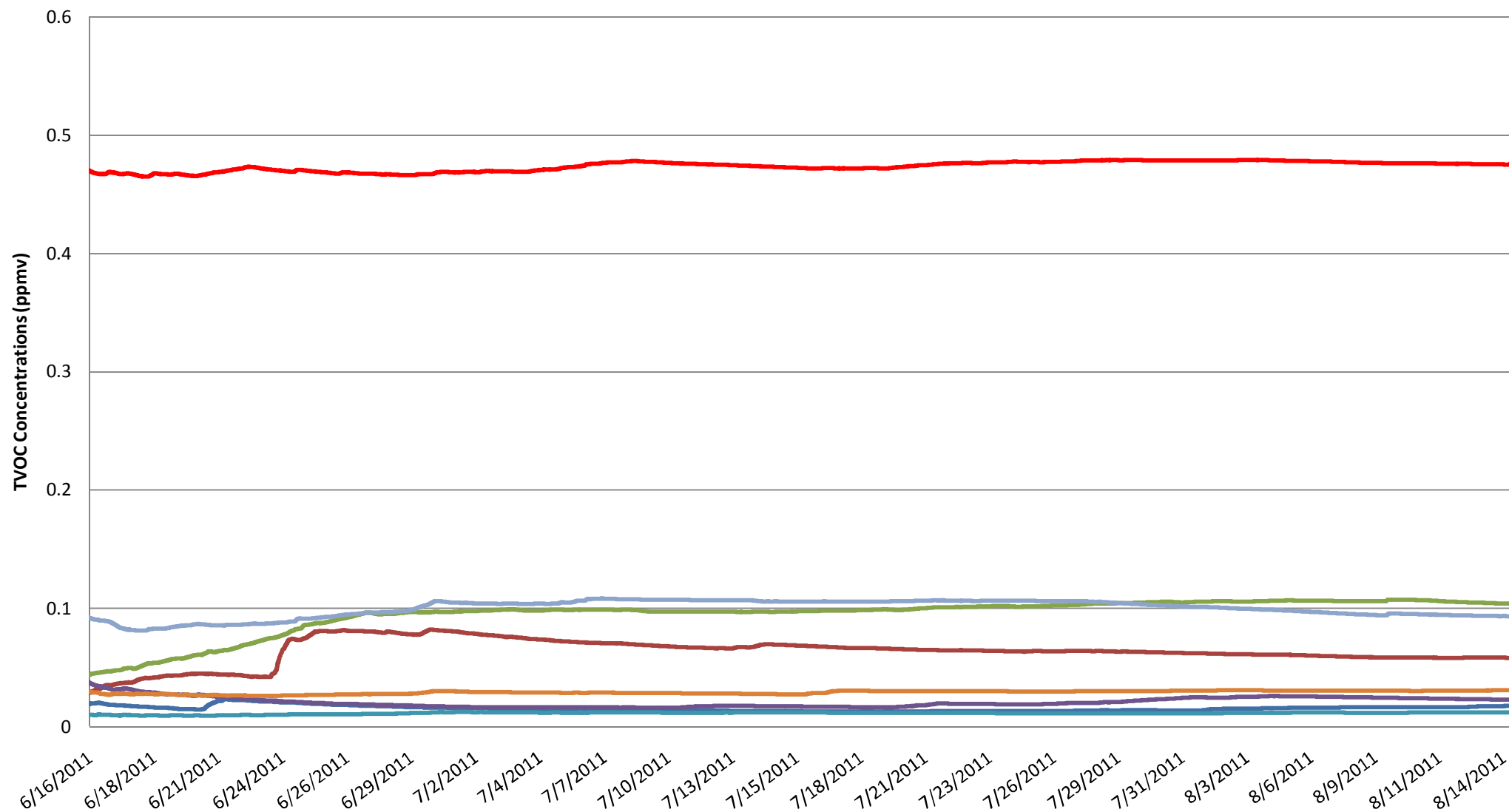
If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

Camp Dresser & McKee Inc.

TVOC Running Average Since 06/16/11

Station 1 Station 2 Station 3 Station 4 Station 5 Station 6 Station 7 Subchronic Action Level

Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)



RPM10 Running Average Since 06/16/11

Station 1

Station 2

Station 3

Station 4

Station 5

Station 6

Station 7

Subchronic Action Level with misters

Subchronic Action Level without misters

Note: 08/12/11 Subchronic Action Level during working hours 7:30-17:30=Background from upwind stations+Subchronic Action level for Vadose Zone(16)
+Mister effects(today's values:7:30AM-12:30PM:19 12:30PM-5:30PM:27)
Action level for non working hours & weekend=50 (BAAQMD Regulatory value)

RPM10 Concentrations (ug/m3)

6/16/2011 6/18/2011 6/21/2011 6/24/2011 6/26/2011 6/29/2011 7/2/2011 7/4/2011 7/7/2011 7/10/2011 7/13/2011 7/15/2011 7/18/2011 7/21/2011 7/23/2011 7/26/2011 7/29/2011 7/31/2011 8/3/2011 8/6/2011 8/9/2011 8/11/2011 8/14/2011